



Figure 3-12 (a) The MU% versus SU% of the 1st Overlapping Area, (b) The Seasonality Patterns of the WIM sites in the 1st Overlapping Area

A close study of the months and DOW values reveals that, there are a few 48-hour counts from WIM 551 in Factor Group 1 that is attributed to the overlapping area. These counts belong to some days of week in May, June, July, August, and September (Table 3-6). The average truck volumes of WIM 515 during these months/DOWs and also other months/DOW are plotted in Figure 3-13. As it is shown in Figure 3-13, the average volume of class 6 vehicles is higher in the specified months/DOWs compared to other months/DOWs. The high volume of class 6 vehicles results in higher SU truck percentage which itself creates overlaps between SU factor groups 1 and 2.

Table 3-6 Months and DOWs Attributed to the Overlapping Area between SU Factor Groups 1 and 3 - WIM 551

Month	DOW
May	Mon-Tue
May	Thu-Fri
Jul	Mon-Tue
Jul	Tue-Wed
Jul	Wed-Thu
Aug	Thu-Fri